

				Docket Number (Optional) FP03-100US		Application Number 10/602,313		
				Applicant(s) Yoshinao Kobayashi et al.				
				Filing Date June 24, 2003		Group Art Unit 3634		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>W</i>		3,020,362	02-1962	Waninger				
<i>W</i>		3,053,358	09-1962	Gross				
<i>W</i>		3,284,036	11-1966	Nansel				
<i>W</i>		3,330,105	07-1967	Weber				
<i>W</i>		3,347,038	10-1967	Teppert				
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER				DATE CONSIDERED				
<i>JERRY REDMAN</i>				<i>3/29/2005</i>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h		3,716,986	02-1973	Cork et al.	—		
h		3,868,011	02-1975	Janzen et al.	—		
h		3,921,388	11-1975	Loos et al.	—		
h		3,994,373	11-1976	Loos et al.	—		
h		4,253,027	02-1981	Taylor et al.	—		

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER JERRY PERMAN	DATE CONSIDERED 3/29/2005
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Application Number

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Applicant(s)

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June 24, 2003

Group Art Unit

3634

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h		4,392,344	07-1983	Gordon, deceased et al.	_____	_____	
h		4,420,017	12-1983	Moritz	_____	_____	
h		4,462,565	07-1984	Johnson	_____	_____	
h		4,582,281	04-1986	Van Camp	_____	_____	
h		4,600,817	07-1986	Hackenberg	_____	_____	

U.S. PATENT APPLICATION PUBLICATIONS

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,625,507	12-1986	Moritz et al.			
		4,626,233	12-1986	Moritz			
		4,658,577	04-1987	Klein			
		4,672,805	06-1987	Moritz			
		4,807,432	02-1989	Mauri			

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,840,023	06-1989	Borsani			
		4,988,838	01-1991	Kirtland			
		5,083,472	01-1992	Kang			
		5,178,247	01-1993	Vagaggini			
		5,860,274	01-1999	Saleh et al.			

U.S. PATENT APPLICATION PUBLICATIONS							
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,890,357	04-1999	Blase			
		5,900,586	05-1999	Carr			
		6,156,974	12-2000	Blase			

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INFORMATION DISCLOSURE CITATION
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Docket Number (Optional)

FP03-100US

Application Number

10/602,33 -

Applicant(s)

Yoshinao Kobayashi et al.

Filing Date

6/24/2003

Group Art Unit

3634 -

Concurrently herewith

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h		6,174,020	1-2001	Knettle et al.			
h		2001/0004022	6-2001	Kobayashi			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
M		10-000936	1/1998	Japan				✓
h		2002-127847	5/2002	Japan				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

JERRY ZEMMAN

DATE CONSIDERED

9/30/2004

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